



## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Francis J. Kronzer  
 Serial No.: 10/749,687  
 Filed: December 31, 2003

Docket 19673  
 Group:  
 Examiner:

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
SPC	A1	4,021,591	5/3/1977	DeVries et al.	-	-	
SPC	A2	4,107,365	8/15/1978	Reed et al.	-	-	
SPC	A3	4,351,871	9/28/1982	Lewis et al.	-	-	
SPC	A4	4,383,878	5/17/1983	Young et al.	-	-	
SPC	A5	4,496,618	1/29/1985	Pernicano	-	-	
SPC	A6	4,517,237	5/14/1985	Pernicano	-	-	
SPC	A7	4,664,735	5/12/1987	Pernicano	-	-	
SPC	A8	4,773,953	9/27/1988	Hare	-	-	
SPC	A9	4,966,815	10/30/1990	Hare	-	-	
SPC	A10	4,980,224	12/25/1990	Hare	-	-	
SPC	A11	5,006,502	4/9/1991	Fujimura et al.	-	-	
SPC	A12	5,139,917	8/18/1992	Hare	-	-	
SPC	A13	5,141,915	8/25/1992	Roenigk et al.	-	-	
SPC	A14	5,236,801	8/17/1993	Hare	-	-	
SPC	A15	5,242,739	9/7/1993	Kronzer et al.	-	-	
SPC	A16	5,264,279	11/23/1993	Imamura et al.	-	-	
SPC	A17	5,271,990	12/21/1993	Kronzer et al.	-	-	
SPC	A18	5,318,943	6/7/1994	Ueno et al.	-	-	
SPC	A19	5,342,739	8/30/1994	Katou et al.	-	-	
SPC	A20	5,356,853	10/18/1994	Ueno et al.	-	-	
SPC	A21	5,484,644	1/16/1996	Imamura et al.	-	-	
SPC	A22	5,501,902	3/26/1996	Kronzer	-	-	
SPC	A23	5,508,105	4/16/1996	Orensteen et al.	-	-	
SPC	A24	5,614,345	3/25/1997	Gumbiowski et al.	-	-	
SPC	A25	5,647,935	7/15/1997	Hoshino et al.	-	-	
SPC	A26	5,654,080	8/5/1997	Hayashi et al.	-	-	
SPC	A27	5,716,900	2/10/1998	Kronzer et al.	-	-	
SPC	A28	5,776,854	7/7/1998	Hayashi	-	-	
SPC	A29	5,798,179	8/25/1998	Kronzer	-	-	
SPC	A30	5,876,836	3/2/1999	Imamura et al.	-	-	
SPC	A31	5,880,065	3/9/1999	Hayashi et al.	-	-	
SPC	A32	5,885,928	3/23/1999	Hirano et al.	-	-	
SPC	A33	5,898,018	4/27/1999	Hirano et al.	-	-	
SPC	A34	5,948,586	9/7/1999	Hare	-	-	
SPC	A35	6,033,739	3/7/2000	Kronzer	-	-	
SPC	A36	6,083,656	7/4/2000	Hare et al.	-	-	
SPC	A37	6,087,061	7/11/2000	Hare et al.	-	-	

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SPC	A38	6,096,475	8/1/2000	Hare et al.	✓	—	
SPC	A39	6,177,187	1/23/2001	Niemoller et al.	—	—	
SPC	A40	6,180,219	1/30/2001	Hoshino et al.	—	✓	
SPC	A41	6,200,668	3/13/2001	Kronzer	—	—	
SPC	A42	6,210,794	4/3/2001	Nakamura	—	—	
SPC	A43	6,214,149	4/10/2001	Nakano et al.	—	—	
SPC	A44	6,232,267	5/15/2001	Oshima et al.	—	—	
SPC	A45	6,232,268	5/15/2001	Narita et al.	—	—	
SPC	A46	6,245,710	6/12/2001	Hare et al.	—	—	
SPC	A47	6,251,824	6/26/2001	Ueno et al.	—	—	
SPC	A48	6,294,307	9/25/2001	Hare et al.	—	—	
SPC	A49	6,335,307	1/1/2002	Imai et al.	—	—	
SPC	A50	6,346,313	2/12/2002	Cook	—	—	
SPC	A51	6,358,660	3/19/2002	Agler et al.	—	—	
SPC	A52	6,383,710	5/7/2002	Hare et al.	—	—	
SPC	A53	6,395,375	5/28/2002	Imamura et al.	—	—	
SPC	A54	6,410,200	6/25/2002	Williams et al.	—	—	
SPC	A55	6,423,466	7/23/2002	Hare et al.	—	—	
SPC	A56	6,428,878	8/6/2002	Kronzer	—	—	
SPC	A57	6,465,393	10/15/2002	Nakano et al.	—	—	
SPC	A58	6,482,285	11/19/2002	Cross	—	—	
SPC	A59	6,497,781	12/24/2002	Dalvey et al.	—	—	
SPC	A60	6,509,131	1/21/2003	Hare et al.	—	—	
SPC	A61	6,551,692	4/22/2003	Dalvey et al.	—	—	
SPC	A62	2002/0146544	10/10/2002	Kronzer	—	—	
SPC	A63	2002/0153110	10/24/2002	Yamaguchi et al.	—	—	

## Foreign Patent Documents

Initials		Doc. No.	Date	Country	Class	Subclass	Trans.	
							Yes	No
SPC	A1	EP 0 652 114 B1	1/21/1998	EP	—	—		
SPC	A2	EP 0 850 786 B1	3/13/2002	EP	—	—		
SPC	A3	EP 1 219 460 A2	7/3/2002	EP	—	—		
SPC	A4	EP 1 020 299 B1	4/2/2003	EP	—	—		
SPC	A5	EP 1 316 435 A1	6/4/2003	EP	—	—		
SPC	A6	EP 1 340 626 A1	9/3/2003	EP	—	—		
SPC	A7	EP 1 344 653 A1	9/17/2003	EP	—	—		
SPC	A8	FR 2 442 721 A	8/1/1980	FR w/English abstract	—	—		X
SPC	A9	JP 6-155995 A	6/3/1994	JP w/English abstract	—	—		X

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SPC	A10	JP 2002-079767 A	3/19/2002	JP w/English abstract	—	—		X
SPC	A11	WO 87/04393	7/30/1987	WO-PCT	—	—		
SPC	A12	WO 90/00473	1/25/1990	WO-PCT	—	—		
SPC	A13	WO 93/21561	10/28/1993	WO-PCT	—	—		
SPC	A14	WO 97/33763	9/18/1997	WO-PCT	—	—		
SPC	A15	WO 99/25917	5/27/1999	WO-PCT	—	—		
SPC	A16	WO 00/59733	10/12/2000	WO-PCT	—	—		
SPC	A17	WO 00/64685	11/2/2000	WO-PCT	—	—		
SPC	A18	WO 00/73570	12/7/2000	WO-PCT	—	—		
SPC	A19	WO 01/23664	4/5/2001	WO-PCT	—	—		
SPC	A20	WO 02/36353	5/10/2002	WO-PCT	—	—		
SPC	A21	WO 02/55311	7/18/2002	WO-PCT	—	—		
SPC	A22	WO 03/06736	1/23/2003	WO-PCT	—	—		
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
SPC	A1	ASTM Designation: E-28-99, "Standard Test Methods for Softening Point of Resins Derived from Naval Stores by Ring-and-Ball Apparatus", December 1999, pp. 1-6.						
SPC	A2	ASTM Designation: D-1238-00, "Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer", November 2000, pp.1-12.						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

Chuan Ling Po

Date Considered:

8/2/05



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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
SPC	A1	1,858,673	05/17/1932	Lawrence	—	—	
SPC	A2	4,235,657	11/25/1980	Greenman et al.	—	—	
SPC	A3	4,775,657	10/04/1988	Harrison et al.	—	—	
SPC	A4	5,132,277	07/21/1992	Kaszczuk et al.	—	—	
SPC	A5	5,263,781	11/23/1993	Mima et al.	—	—	
SPC	A6	5,310,589	05/10/1994	Nagashima	—	—	
SPC	A7	5,332,713	07/26/1994	Oldfield et al.	—	—	
SPC	A8	5,444,037	08/22/1995	Imai et al.	—	—	
SPC	A9	5,501,902	03/26/1996	Kronzer	—	—	
SPC	A10	5,571,766	11/05/1996	Imai et al.	—	—	
SPC	A11	5,891,824	04/06/1999	Simpson et al.	—	—	
SPC	A12	5,897,735	04/27/1999	Peskin	—	—	
SPC	A13	6,017,636	01/25/2000	Tada et al.	—	—	
SPC	A14	6,043,194	03/28/2000	Saito et al.	—	—	
SPC	A15	6,083,872	07/04/2000	Adkins	—	—	
SPC	A16	6,290,798	09/28/2001	Onishi et al.	—	—	
SPC	A17	6,593,406	07/15/2003	Sargeant et al.	—	—	
SPC	A18	6,613,412	09/02/2003	Dressler	—	—	
Foreign Patent Documents							
Initials		Doc. No.	Date	Country	Class	Subclass	Trans. Yes No
SPC	A1	EP 1 232 874 A1	08/21/2002	EP	—	—	
SPC	A2	JP 01208192A	08/22/1989	Japan(English Abstract)	—	—	X
SPC	A3	JP 03010879A	01/18/1991	Japan(English Abstract)	—	—	X
SPC	A4	JP 06312573A	11/08/1994	Japan(English Abstract)	—	—	X
SPC	A5	WO 01/12448	02/22/2001	WO/PCT	—	—	
Other Documents							
Initials		Author, Title, Date, Pages, etc.					
	A1						

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Examiner: *Chan Sing B*

Date Considered: *3/2/05*



## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Francis J. Kronzer  
Serial No.: 10/749,687  
Filed: December 31, 2003

Docket 19673  
Group: 1751  
Examiner:

U.S. PATENT DOCUMENTS								
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date	
	A1							
	A2							
Foreign Patent Documents								
							Trans.	
Initials		Doc. No.	Date	Country	Class	Subclass	Yes	No
SPC	A1	GB 2,084,931A	4/21/1982	GB	—	—		
SPC	A2	GB 2,147,614A	5/15/1985	GB	—	—		
	A3							
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
	A1							
	A2							

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

*Chan Sung P*

Date Considered:

*8/2/05*



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Inventor(s): Francis J. Kronzer  
 Serial No.: 10/749,687  
 Filed: December 31, 2003

Docket: 19673  
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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
SPC	A1	3,359,127	12/19/1967	Meyer et al.	—	—	
SPC	A2	3,616,176	10/26/1971	Jackimowicz	—	—	
SPC	A3	3,790,439	2/5/1974	LaPerre et al.	—	—	
SPC	A4	3,872,040	3/18/1975	Mollohan et al.	—	—	
SPC	A5	3,922,435	11/25/1975	Asnes	—	—	
SPC	A6	4,167,414	9/11/1979	Morgan	—	—	
SPC	A7	4,224,358	9/23/1980	Hare	—	—	
SPC	A8	4,240,807	12/23/1980	Kronzer	—	—	
SPC	A9	4,303,717	12/1/1981	Andrews	—	—	
SPC	A10	4,322,467	3/30/1982	Heimbach et al.	—	—	
SPC	A11	4,399,209	8/16/1983	Sanders et al.	—	—	
SPC	A12	4,536,434	8/20/1985	Magnotta	—	—	
SPC	A13	4,548,857	10/22/1985	Galante	—	—	
SPC	A14	4,757,047	7/12/1988	Kosaka	—	—	
SPC	A15	4,758,952	7/19/1988	Harris, Jr. et al.	—	—	
SPC	A16	4,786,349	11/22/1988	Mahn, Sr.	—	—	
SPC	A17	4,863,781	9/5/1989	Kronzer	—	—	
SPC	A18	4,929,501	5/29/1990	Okada et al.	—	—	
SPC	A19	5,019,475	5/28/1991	Higashiyama et al.	—	—	
SPC	A20	5,028,028	7/2/1991	Yamada et al.	—	—	
SPC	A21	5,053,267	10/1/1991	Ide et al.	—	—	
SPC	A22	5,059,580	10/22/1991	Shibata et al.	—	—	
SPC	A23	5,064,743	11/12/1991	Koshizuka et al.	—	—	
SPC	A24	5,087,527	2/11/1992	Shimura et al.	—	—	
SPC	A25	5,110,389	5/5/1992	Hiyoshi et al.	—	—	
SPC	A26	5,151,326	9/29/1992	Matsuda et al.	—	—	
SPC	A27	5,248,543	9/28/1993	Yamaguchi et al.	—	—	
SPC	A28	5,252,531	10/12/1993	Yasuda et al.	—	—	
SPC	A29	5,252,533	10/12/1993	Yasuda et al.	—	—	
SPC	A30	5,286,521	2/15/1994	Matsuda et al.	—	—	
SPC	A31	5,334,439	8/2/1994	Kawaguchi et al.	—	—	
SPC	A32	5,338,603	8/16/1994	Mahn, Sr. et al.	—	—	
SPC	A33	5,362,703	11/8/1994	Kawaski et al.	—	—	
SPC	A34	5,366,251	11/22/1994	Brandt et al.	—	—	
SPC	A35	5,372,987	12/13/1994	Fisch et al.	—	—	
SPC	A36	5,372,988	12/13/1994	Takeuchi et al.	—	—	
SPC	A37	5,387,574	2/7/1995	Campbell et al.	—	—	

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SPC	A38	5,407,724	4/18/1995	Mimura et al.	—	—	
SPC	A39	5,413,841	5/9/1995	Mahn, Sr. et al.	—	—	
SPC	A40	5,419,944	5/30/1995	Sammis	—	—	
SPC	A41	5,427,997	6/27/1995	Oshima et al.	—	—	
SPC	A42	5,431,501	7/11/1995	Hale et al.	—	—	
SPC	A43	5,432,258	7/11/1995	Yoshimura	—	—	
SPC	A44	5,616,155	4/1/1997	Kronzer	—	—	
SPC	A45	5,660,928	8/26/1997	Stokes et al.	—	—	
SPC	A46	5,670,448	9/23/1997	Kometani	—	—	
SPC	A47	5,677,049	10/14/1997	Torii	—	—	
SPC	A48	5,707,925	1/13/1998	Akada et al.	—	—	
SPC	A49	5,716,477	2/10/1998	Yamaguchi et al.	—	—	
SPC	A50	5,770,268	6/23/1998	Kuo et al.	—	—	
SPC	A51	5,798,179	8/25/1998	Kronzer	—	—	
SPC	A52	5,846,367	12/8/1998	Omote et al.	—	—	
SPC	A53	5,861,355	1/19/1999	Olson et al.	—	—	
SPC	A54	5,879,813	3/9/1999	Tanaka et al.	—	—	
SPC	A55	5,895,557	4/20/1999	Kronzer	—	—	
SPC	A56	5,925,712	7/20/1999	Kronzer	—	—	
SPC	A57	5,942,335	8/24/1999	Chen et al.	—	—	
SPC	A58	5,945,375	8/31/1999	Kronzer	—	—	
SPC	A59	5,962,149	10/5/1999	Kronzer	—	—	
SPC	A60	5,981,045	11/9/1999	Kuwabara et al.	—	—	
SPC	A61	5,981,077	11/9/1999	Taniguchi	—	—	
SPC	A62	6,020,397	2/1/2000	Matzinger	—	—	
SPC	A63	6,054,223	4/25/2000	Tsuchiya et al.	—	—	
SPC	A64	6,066,387	5/23/2000	Ueda et al.	—	—	
SPC	A65	6,071,368	6/6/2000	Boyd et al.	—	—	
SPC	A66	6,103,364	8/15/2000	Harris et al.	—	—	
SPC	A67	6,113,725	9/25/2000	Kronzer	—	—	
SPC	A68	6,139,672	10/31/2000	Sato et al.	—	—	
SPC	A69	6,265,053	7/24/2001	Kronzer et al.	—	—	
SPC	A70	6,277,229	8/21/2001	Popat et al.	—	—	
SPC	A71	6,281,166	8/28/2001	Kronzer	—	—	
SPC	A72	6,358,600	3/19/2002	Hayashi et al.	—	—	
SPC	A73	6,432,549	8/13/2002	Kronzer	—	—	
SPC	A74	6,450,633	9/17/2002	Kronzer	—	—	
SPC	A75	6,531,216	3/11/2003	Williams et al.	—	—	
SPC	A76	6,582,803	6/24/2003	Cole et al.	—	—	



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SPC	A77	2002/0081420	6/27/2002	Kronzer	—	—		
SPC	A78	2003/0008116	1/9/2003	Williams et al.	—	—		
Foreign Patent Documents								
							Trans.	
Initials		Doc. No.	Date	Country	Class	Subclass	Yes	No
SPC	A1	EP 0466503 A1	1/15/1992	EP	—	—		
SPC	A2	EP 0842786 A1	5/20/1998	EP	—	—		
SPC	A3	EP 0933226 A2	8/4/1999	EP	—	—		
SPC	A4	GB 1487599	10/5/1977	GB	—	—		
SPC	A5	GB 2243332 A	10/30/1991	GB	—	—		
SPC	A6	WO 91/06433	5/16/1991	WO-PCT	—	—		
SPC	A7	WO 92/22857	12/23/1992	WO-PCT	—	—		
SPC	A8	WO 95/08419	3/30/1995	WO-PCT	—	—		
SPC	A9	WO 96/10491	4/11/1996	WO-PCT	—	—		
SPC	A10	WO 97/01448	1/16/1997	WO-PCT	—	—		
SPC	A11	WO 01/03941	1/18/2001	WO-PCT	—	—		
SPC	A12	WO 01/17792	3/15/2001	WO-PCT	—	—		
SPC	A13	WO 01/62514	8/30/2001	WO-PCT	—	—		
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
	A1							

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U.S. PATENT DOCUMENTS								
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date	
SPC	A1	2002/102391 A1	8/1/2002	Kronzer	—	—		
SPC	A2	2003/021962 A1	1/30/2003	Mukherjee et al.	—	—		
	A3							
Foreign Patent Documents								
							Trans.	
Initials		Doc. No.	Date	Country	Class	Subclass	Yes	No
SPC	A1	WO 98/43821	10/8/1998	WO-PCT	—	—		
	A2							
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
	A1							
	A2							

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